KOREAN PATENT ABSTRACTS (KR)
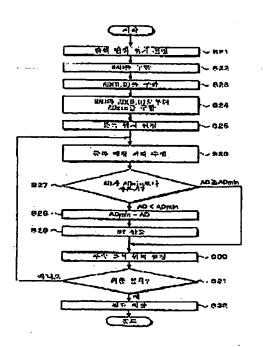
(54) Title of Invention
    MOVING VECTOR DETECTING METHOD, RECORD MEDIUM STORING A MOVING VECTOR DETECTING PROGRAM, MOVING DETECTING DEVICE, MOVING DETECTING METHOD, PICTURE ENCODING DEVICE, PICTURE ENCODING METHOD, MOVING VECTOR CALCULATING METHOD, AND RECORD MEDIUM STORING A MOVING VECTOR CALCULATING PROGRAM

Representative drawing

(57) Abstract:

PURPOSE: A moving vector calculating method is provided to be suitable to perform an encoding process according to a moving picture experts group 2(MPEG2) by use of a soft program.

CONSTITUTION: The moving vector calculating method comprises the steps of: extracting a block a reference picture corresponding to a block of a present processed picture; obtaining the remaining between the block of the present picture and the block of the reference picture while moving the block of the reference picture in a predetermined searching region; detecting a block having a minimum remaining from the reference picture so as to calculate a moving vector; converting pixel data of the block of the reference picture and pixel data of the block of the present picture; and obtaining a remaining between data in the block of the reference picture thus converted and data in the block of the present picture thus converted.

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